

ROBA METALS GENK  
SLINGERWEG 31  
3600 GENK

**INSPECTION CERTIFICATE**  
**Type 3.1 acc. EN 10204**

**Certificate No : 1000560330**  
**Delivery No : 0085279137**

**DATE: 22.06.2023**

Customer	ROBA METALS B.V		
Cust's Ref No	PO-0046148-1	Cust's Part No	11600
Our Order No	1200141577 / 30	Quantity	3.000,00 MTR
		Inspection Lot	020000837418

Designation	CuT m 015,000x1,00x5000 JE HSM M		
according to	EN 13348, EN 12735-1 R250, PED 2014/68/EU & CUSTOMER REQUIREMENTS		
Material	Cu-DHP		
Chem. Anal.:	CU>99,90-P:0,015-0,040	OK	

Characteristic	Unit of meas.	Specifications	Values	Sample No
ODmin	mm	>=14,910	14,990 - 15,000	2
ODmax	mm	<=15,090	15,010 - 15,020	2
ODav	mm	14,960 - 15,040	15,000 - 15,010	2
Smin	mm	>=0,870	0,910	2
Smax	mm	<=1,130	0,930 - 0,940	2
Sav	mm	0,918 - 0,937	0,920 - 0,925	2
LENGTH	mm	5000 - 5008	5006	2
WGHT/m	kg/m	0,3604 - 0,3694	0,3630	2
Rm	N/mm <sup>2</sup>	>=250,0	285,0 - 290,0	2
A50	%	>=30,0	34,2 - 35,2	2
EXPANSION	%	>=30,0	OK	2
C TOT. RES. IN.	mg/dm <sup>2</sup>	<=0,20	0,15 - 0,18	2
ECT EN 1971	%	100	OK	-

**DECLARATION OF COMFORMITY**

The products detailed above, conform to the conditions and requirements of the purchaser and to the description, quantities and spec. stated. The Quality Assurance System applied to monitor their production, complies with the requirements of ISO 9001:2015, independently certified by TÜV HELLAS, with certification No 041070119.

Athens

22.06.2023

Q.C. INSPECTOR

Q.A. MANAGER



*[Signature]*  
D. SKARMOUTSOS

Tube Plant

WI 8.2.17\_Form 8, Rev.: 0

Date March 2023

ELVALHALCOR HELLENIC COPPER & ALUMINIUM INDUSTRY S.A.  
S.A. Register No: 2836/06/B/86/48  
Ministry of Economy & Development  
General Commercial Registry No: 303401000  
VAT No: EL 094061318  
Athens S.A. Companies Tax Office  
Registered Office: 2-4 Mesogeion Avenue,  
Athens Tower, 2nd Building,  
Athens GR 11527, Greece  
[www.elvalhalcor.com](http://www.elvalhalcor.com)

**Offices and Copper Tubes Plant (Mailing Address)**  
62nd km Athens-Lamia National Road  
Oinofyta-Viotia, GR 32011, Greece  
T: +30 22620 48111  
[www.halcor.com](http://www.halcor.com)

**Brass Rods & Tubes Plant (Mailing Address)**  
59th km Athens-Lamia National Road,  
Oinofyta-Viotia, GR 32011, Greece  
T: +30 22620 53158

**Foundry**  
60th km Athens-Lamia National Road,  
Oinofyta-Viotia, GR 32011, Greece  
T: +30 22620 53011  
**Domestic Sales Dept**  
Peripheral Unit of West Attica  
Municipality of Aspropyrgos  
Prari position-Moustaki  
Industrial Park Area VIPA VIOPA EM  
GR 19300, Greece  
T: +30 210 4898111